

Appl. No. 10/791,551
Amdt. Dated August 7, 2006
Reply to Office Action of June 13, 2006

Attorney Docket No. 81784.0303
Customer No.: 26021

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. - 2. (Cancelled).

3. (Currently Amended): ~~The high frequency device according to claim 2;~~

A high frequency device, comprising:

a first filter for extracting signal components in a predetermined frequency band from an input signal;

a frequency converter for converting a frequency of the signal components extracted by the first filter;

a second filter for extracting signal components in a predetermined frequency band from the signal components with a frequency thereof converted by the frequency converter;

a bypass circuit for detouring the second filter downstream of the first filter;

a switching mechanism including a switching circuit for switching connection of a signal path downstream of the first filter to either the second filter or the bypass circuit;

wherein the switching mechanism includes, downstream of the second filter, a switching circuit for switching the signal path, and

wherein the frequency converter includes a first frequency converter provided upstream of the second filter and a second frequency converter provided to the bypass circuit.

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4. (Original): The high frequency device according to claim 3, wherein the frequency converter variably controls a frequency changing amount according to a frequency of a signal input to the frequency converter so that signals having a constant frequency are output.

5. (Original): The high frequency device according to claim 3, wherein the bypass circuit is biased via a resistor so as to have a source power potential.

6. (Original): The high frequency device according to claim 3, wherein the second filter is formed as a unit separate from an integrated circuit which includes the frequency converter and the switching circuit.

7. (Cancelled).

8. (Currently Amended): ~~The high frequency device according to claim 7,~~
A high frequency device, comprising:

a first filter for extracting signal components in a predetermined frequency band from an input signal;

a frequency converter for converting a frequency of the signal components extracted by the first filter;

a second filter for extracting signal components in a predetermined frequency band from the signal components with a frequency thereof converted by the frequency converter;

a bypass circuit for detouring the second filter downstream of the first filter; and

a switching mechanism including a switching circuit for switching connection of a signal path downstream of the first filter to either the second filter or the bypass circuit;

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wherein the switching mechanism includes switching circuits provided upstream and downstream of the second filter, respectively, for switching the signal path; and

wherein the frequency converter includes a first frequency converter provided upstream of the second filter and a second frequency converter provided to the bypass circuit.

9. (Original): The high frequency device according to claim 8, wherein the frequency converter variably controls a frequency changing amount according to a frequency of a signal input to the frequency converter so that signals having a constant frequency are output.

10. (Original): The high frequency device according to claim 8, wherein the bypass circuit is biased via a resistor so as to have a source power potential.

11. (Original): The high frequency device according to claim 8, wherein the second filter is formed as a unit separate from an integrated circuit which includes the frequency converter and the switching circuit.

12.-19. (Cancelled).